|              |  |          |          |          |          |          |          |                     |          |            |           |          |               | 10/667 169 |                        |                    |          |              |                 |           |          |   | PORTER EDED O |                          |          |            |                 |          |          |           |  |  |
|--------------|--|----------|----------|----------|----------|----------|----------|---------------------|----------|------------|-----------|----------|---------------|------------|------------------------|--------------------|----------|--------------|-----------------|-----------|----------|---|---------------|--------------------------|----------|------------|-----------------|----------|----------|-----------|--|--|
|              |  |          |          |          |          |          |          |                     |          |            |           |          |               |            | 10/667,168<br>Examiner |                    |          |              |                 |           |          |   |               | PORTER, FRED C. Art Unit |          |            |                 |          |          |           |  |  |
|              |  | Ш        |          |          | Ш        |          |          |                     | Ш        |            |           |          |               |            | '                      |                    |          |              |                 |           |          |   |               |                          | AR OIR   |            |                 |          |          |           |  |  |
|              |  |          | 11111    |          | II U     |          |          | 11111               | Ш        |            |           | J        |               |            |                        | Ha D. Ho           |          |              |                 |           |          |   |               |                          | 3681     |            |                 |          |          |           |  |  |
|              |  |          |          |          |          |          |          |                     |          |            |           |          |               |            |                        |                    |          |              |                 |           | 1        | _                                       |               |                          |          |            | _               |          |          |           |  |  |
|              |  |          | <b> </b> | R        | eie      | cte      | ed .     |                     |          |            | (         | Throu    |               |            | eral                   | )                  |          |              | N               | on-       | -Elected |   |               |                          |          | Арр        | oeal            | ı        |          |           |  |  |
| √ Rejected – |  |          |          |          |          |          |          |                     |          |            | С         |          | N Non-Elected |            |                        |                    |          | A            | 7,660           |           |          |   |               |                          |          |            |                 |          |          |           |  |  |
| = Allowed    |  |          |          |          |          |          |          |                     | ÷        | Restricted |           |          |               |            |                        |                    |          | Interference |                 |           |          |   | Objected      |                          |          |            | 1               |          |          |           |  |  |
|              |  |          |          |          |          |          |          |                     |          |            |           |          |               |            |                        |                    |          |              |                 |           |          | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |               |                          |          |            |                 |          |          |           |  |  |
|              | Cla  | im       | Ι        |          |          |          | Date     |                     |          |            | $\neg$    | Claim    |               |            |                        | Date               |          |              | ,               |           |          | Ci                                      | aim           | T                        | Date     |            |                 |          |          | $\neg$    |  |  |
|              |  |          | _        | 4        |          |          |          |                     |          | Т          | $\dashv$  |          |               |            |                        | П                  |          | Ň            |                 | П         | $\dashv$ |   | T             | ÌТ                       | Т        | Τ          |                 | T        | Т        | П         |  |  |
|              | Final  | Original | 7/16/04  | 19/0     | 7/13/05  |          |          | il                  |          |            |           | Final    | Original      |            |                        |                    |          |              |                 |           |          | Final                                   | Original      | H                        |          |            |                 | 1        |          |           |  |  |
|              |  | Ö        | 1/2      | 11/      | 1/1      |          |          |                     |          |            |           | "        | 5             |            |                        |                    |          |              |                 |           |          | ш                                       | <u>6</u>      |                          |          | ŀ          |                 |          |          |           |  |  |
|              |  | 1        |          | 1        |          |          |          |                     |          |            |           |          | 51            |            |                        |                    |          |              |                 |           |          |   | 101           |                          |          |            |                 |          |          |           |  |  |
|              |  | 2        | 1        | 7        | 7        |          |          | $\vdash$            | _        |            | _         | -        | 52            | _          | 4                      |                    | Ц        | Щ            |                 | $\perp$   | 4        |   | 102           | Ш                        | $\perp$  | ↓_         |                 |          |          | Н         |  |  |
|              |  | 3        | 7        | -        | 7        | Н        |          | $\vdash$            | $\dashv$ | -          | $\dashv$  | -        | 53<br>54      | -          | +                      | +                  |          |              | $\vdash$        | $\dashv$  | $\dashv$ |   | 103           | $\vdash$                 | -        | -          | -               |          |          | $\vdash$  |  |  |
|              |  | 5        | 1        |          | 7        | Н        |          | -                   | $\dashv$ | $\dashv$   | $\dashv$  |          | 55            |            | ╁                      | +                  | -        | Н            | Н               | $\dashv$  | $\dashv$ |   | 105           | Н                        | -        | ╁╌         |                 | +        | +        | H         |  |  |
|              |  | 6        | 1        |          | 1        | П        |          | $\sqcap$            | _        | $\dashv$   | ┪         |          | 56            |            | 十                      |                    |          |              |                 | 十         | _        |   | 106           | П                        |          | +          | $\Box$          | $\dashv$ | $\dashv$ | Н         |  |  |
|              |  | 7        | 1        | 1        | 1        |          |          |                     |          |            |           |          | 57            |            |                        |                    |          |              |                 |           |          |   | 107           |                          |          | oxdot      |                 |          |          |           |  |  |
|              |  | 8        | <b>√</b> |          | _        | Ш        |          | $\vdash$            |          | _          | _         | <u> </u> | 58            |            | _                      | $\perp$            |          | _            | $\sqcup$        | $\dashv$  | 4        |   | 108           |                          | _ _      | 1          |                 | _        | -        | Ш         |  |  |
|              |  | 9        | 7        | 77       | 7        |          | -        | $\vdash$            |          | $\dashv$   | -         | -        | 59<br>60      | $\dashv$   | +                      | +                  |          |              | $\vdash\vdash$  | +         | $\dashv$ |   | 109<br>110    | $\square$                | -        | +-         | ┦               | -+       |          | iI        |  |  |
|              |  | 11       | 1        | -        |          | $\vdash$ |          | $\vdash$            |          | $\dashv$   | $\dashv$  | -        | 61            | +          | +                      | +                  |          |              | $\vdash$        | $\dashv$  | $\dashv$ |   | 111           | Н                        | +        | +          | ╁┼              | +        | +-       | Н         |  |  |
|              |  | 12       | 1        | 1        | 0        |          |          | П                   |          |            | $\exists$ |          | 62            |            |                        | T                  |          |              |                 | $\top$    | _        |   | 112           | П                        | $\neg$   |            | $\Box$          |          |          | П         |  |  |
|              |  | 13       | 1        |          |          |          |          | $\square$           | $\Box$   | $\Box$     |           |          | 63            |            | $\perp$                |                    |          |              |                 | $\Box$    |          |   | 113           |                          | $\perp$  | L          | П               |          |          | П         |  |  |
|              |  | 14       | 1        | 1        | 1        | Ш        |          | $\vdash$            |          | +          | 4         | -        | 64            | -          | +                      | -                  |          | _            |                 | _         | _        |   | 114           | $\vdash$                 |          | -          |                 |          |          | Н         |  |  |
|              |  | 15<br>16 | 7        | 1        | 1        | $\vdash$ |          | $\vdash$            |          | -          |           | -        | 65<br>66      | -          |                        | +-                 |          |              | $\vdash$        | -         |          |   | 115<br>116    | $\vdash$                 |          | +-         | H               | +        |          | Н         |  |  |
|              | <u> </u>   | 17       | 7        | V        | 1        | Н        |          | $\vdash$            | ᅥ        | $\dashv$   | ┥.        | -        | 67            |            | ╅                      | +                  | _        | _            | $\vdash$        | $\dashv$  | ╣.       |   | 117           | Н                        | _        | ╁          | H               | 十        | +        | Н         |  |  |
|              |  | 18       | 1        | 1        | 0        |          |          |                     |          |            |           |          | 68            |            |                        |                    |          |              |                 |           |          |   | 118           |                          |          |            |                 |          |          |           |  |  |
|              |  | 19       | 1        | 7        | 7        | Ш        |          | $\sqcup$            | _        | $\sqcup$   | _         | <u> </u> | 69            | 4          | 4                      | $oldsymbol{\perp}$ |          |              | $\sqcup$        | _         | _        |   | 119           | $\sqcup$                 | 4        | ↓_         | $\perp$         | _        |          | Ш         |  |  |
|              |  | 20<br>21 | 7        | 1        | 1        | Н        |          | $\vdash$            |          | -          | 4         | -        | 70<br>71      |            |                        | ╁                  |          |              | $\vdash$        | -         | 4        |   | 120<br>121    | Н                        | +        | +          |                 | -        | -        | Н         |  |  |
|              | <u> </u>   | 22       | 1        | 7        | 1        | Н        | -        | $\vdash$            |          | -          | $\dashv$  | -        | 72            | $\dashv$   | ╁                      | +                  | $\dashv$ |              | $\vdash$        | $\dashv$  | ╡        | $\vdash$                                | 122           | $\vdash$                 |          | ╁          | H               | $\dashv$ | +        | Н         |  |  |
|              |  | 23       | V        |          | V        | Н        |          | $\sqcap$            | 一        | 1          | 7         |          | 73            | $\dashv$   | 十                      | П                  |          |              | $\Box$          | $\dashv$  |          | -                                       | 123           | $\vdash$                 | $\top$   | <b>—</b>   |                 | _        |          | Н         |  |  |
|              |  | 24       | 1        | 1        | 1        |          |          | $\Box$              |          |            |           |          | 74            |            | $oxed{\Box}$           |                    |          |              |                 |           |          |   | 124           | $\Box$                   |          |            |                 | $\Box$   |          | $\square$ |  |  |
|              |  | 25       | 1        | _,       | L,       | Ш        |          | $\vdash \vdash$     | -        | _          | 4         | <u> </u> | 75            |            |                        | 4                  |          | <u> </u>     |                 |           | _        |   | 125           | $\sqcup$                 | _ -      | <u> </u>   | $\vdash$        |          | - -      | Ш         |  |  |
|              |  | 26<br>27 | 1        | 7        | <b>√</b> | Н        | -        | $\vdash$            | -+       |            | -         |          | 76<br>77      |            | +-                     | +                  |          |              | H               | $\dashv$  | $\dashv$ | -                                       | 126<br>127    | $\vdash$                 |          | ╁          | Н               | $\dashv$ |          | H         |  |  |
|              |  | 28       | H        | Ĭ        | 1        | Н        |          | $\vdash$            | $\dashv$ | $\dashv$   | ╣         |          | 78            | $\dashv$   | +                      | $\forall$          |          |              | $\vdash$        | $\dashv$  | $\dashv$ |   | 128           | $\vdash$                 | +        | +          | Н               | +        | +        | Н         |  |  |
|              |  | 29       |          | 0        | 0        |          |          |                     |          |            |           |          | 79            |            |                        | $\dagger$          |          | _            |                 |           |          |   | 129           |                          |          |            |                 |          |          |           |  |  |
|              |  | 30       |          | <b>√</b> |          |          |          | $\Box$              |          |            |           |          | 80            |            |                        | 1                  |          |              |                 |           |          |   | 130           | П                        |          | <u> </u>   |                 |          |          |           |  |  |
|              |  | 31<br>32 | Н        | 0        | ıı O     | Н        | $\dashv$ | $\vdash$            | $\dashv$ | -          | $\dashv$  |          | 81<br>82      | +          | +                      | +                  | _        |              | $\square$       | $\dashv$  | -        |   | 131<br>132    | H                        | +        | -          | $\vdash \vdash$ | $\dashv$ | +        | Н         |  |  |
|              |  | 33       |          | -        | -        | Н        |          | $\vdash$            | $\dashv$ | ┽          | $\dashv$  |          | 83            | $\dashv$   | +                      | +                  | -        |              |                 | $\dashv$  | -        |   | 133           |                          | $\dashv$ | ╁          | H               | -        | +-       |           |  |  |
|              |  | 34       |          |          | =        | П        |          | Πİ                  |          | _          | $\dashv$  |          | 84            | $\dashv$   | 1                      |                    |          | П            | Н               |           |          |   | 134           | $\Box$                   | $\dashv$ | $\dagger$  |                 | $\dashv$ | +        |           |  |  |
|              |  | 35       |          |          |          |          |          | $\Box$              |          |            |           |          | 85            |            |                        |                    |          |              |                 |           |          |   | 135           |                          |          |            |                 |          |          |           |  |  |
|              |  | 36<br>37 | Ш        | Ш        | Ш        | Н        | $\dashv$ | $\vdash \downarrow$ | $\dashv$ | -          | 4         | <u> </u> | 86            |            | -                      | 4                  | -        |              |                 |           | 4        |   | 136           | $\vdash$                 | 4        | lacksquare | Н               | 4        | $\perp$  | $\vdash$  |  |  |
|              |  | 38       | H        |          | Н        | $\vdash$ | $\dashv$ | $\vdash$            | $\dashv$ | $\dashv$   | $\dashv$  | -        | 87<br>88      | -          | +                      | +                  | -        | -            | $\vdash$        | +         | $\dashv$ |   | 137<br>138    | $\vdash$                 | -        | ╁          | $\vdash$        | $\dashv$ | +        | Н         |  |  |
|              |  | 39       | Н        | Н        | _        | Н        |          | $\vdash$            | $\dashv$ | $\dashv$   | $\dashv$  |          | 89            | $\dashv$   | +                      | $\top$             | $\vdash$ |              | Н               | 十         | -        |   | 139           | -                        | +        | $\dagger$  | $\vdash$        | $\dashv$ |          | $\vdash$  |  |  |
|              |  | 40       |          |          |          |          |          | 口                   |          | 丁          |           |          | 90            |            | 工                      |                    |          |              |                 |           |          |   | 140           |                          |          |            |                 |          |          |           |  |  |
|              |  | 41       | Ц        | Ш        | Щ        | Ц        |          | $\coprod$           | _        | _          | _         |          | 91            | $\perp$    |                        | $\Box$             |          | Ц            | Ц               | $\dashv$  |          |   | 141           | $\Box$                   | $\perp$  | 上          | $\Box$          | $\dashv$ |          |           |  |  |
|              |  | 42<br>43 | Н        | Н        | Н        | Н        | $\dashv$ | ┌┼                  | -        | +          | $\dashv$  | -        | 92            | +          | +                      | $\vdash$           | $\vdash$ | Н            | $\vdash \vdash$ | +         | $\dashv$ | <u> </u>                                | 142<br>143    | $\vdash$                 | +-       | ╁          | -               | -+       |          | H         |  |  |
|              |  | 44       | $\vdash$ | Н        | $\vdash$ | H        | Н        | $\vdash$            | $\dashv$ | $\dashv$   | $\dashv$  |          | 94            | +          | +                      | +                  | Н        | H            | H               | $\dashv$  |          |   | 144           |                          | +        | +          | $\vdash$        | $\dashv$ | +        | H         |  |  |
|              |  | 45       |          |          |          |          |          |                     |          |            |           |          | 95            |            | 工                      |                    |          |              |                 |           |          |   | 145           |                          | ╧        | L          |                 |          | 工        |           |  |  |
|              |  | 46       | Щ        | Ц        |          | Ц        |          | 耳                   | $\Box$   | $\exists$  | $\Box$    |          | 96            | $\perp$    | T                      |                    |          |              |                 | $\Box$    |          |   | 146           |                          |          |            | П               | Д        | $\perp$  |           |  |  |
|              | <del>                                     </del> | 47<br>48 | Н        | Н        | Н        | Н        | -        | $\vdash \vdash$     | -        | $\dashv$   | $\dashv$  |          | 97<br>98      | $\dashv$   | +                      | $\vdash$           | $\Box$   | Н            | $\sqcup$        | $\dashv$  | -        | _                                       | 147<br>148    | $\vdash$                 | -        | +          | $\vdash$        |          |          | Н         |  |  |
|              |  | 49       | Н        | Н        | Н        | Н        | $\dashv$ | $\vdash$            | +        | $\dashv$   | $\dashv$  | -        | 99            | $\dashv$   | +                      | +                  | -        | Н            | $\vdash \vdash$ | +         |          | <del> </del>                            | 149           | ╁                        | ╁        | +          | $\vdash$        | $\dashv$ |          | Н         |  |  |
|              |  | 50       |          |          |          |          |          |                     | ╛        | 丁          | ゴ         |          | 100           | 士          | 士                      |                    |          |              |                 | $\exists$ |          |   | 150           |                          | 丁        |            |                 |          |          | $\Box$    |  |  |
|              |  |          |          |          |          |          |          |                     |          |            |           |          |               |            |                        |                    |          |              |                 |           |          |   |               |                          |          |            |                 |          |          |           |  |  |

Application No.

Applicant(s)